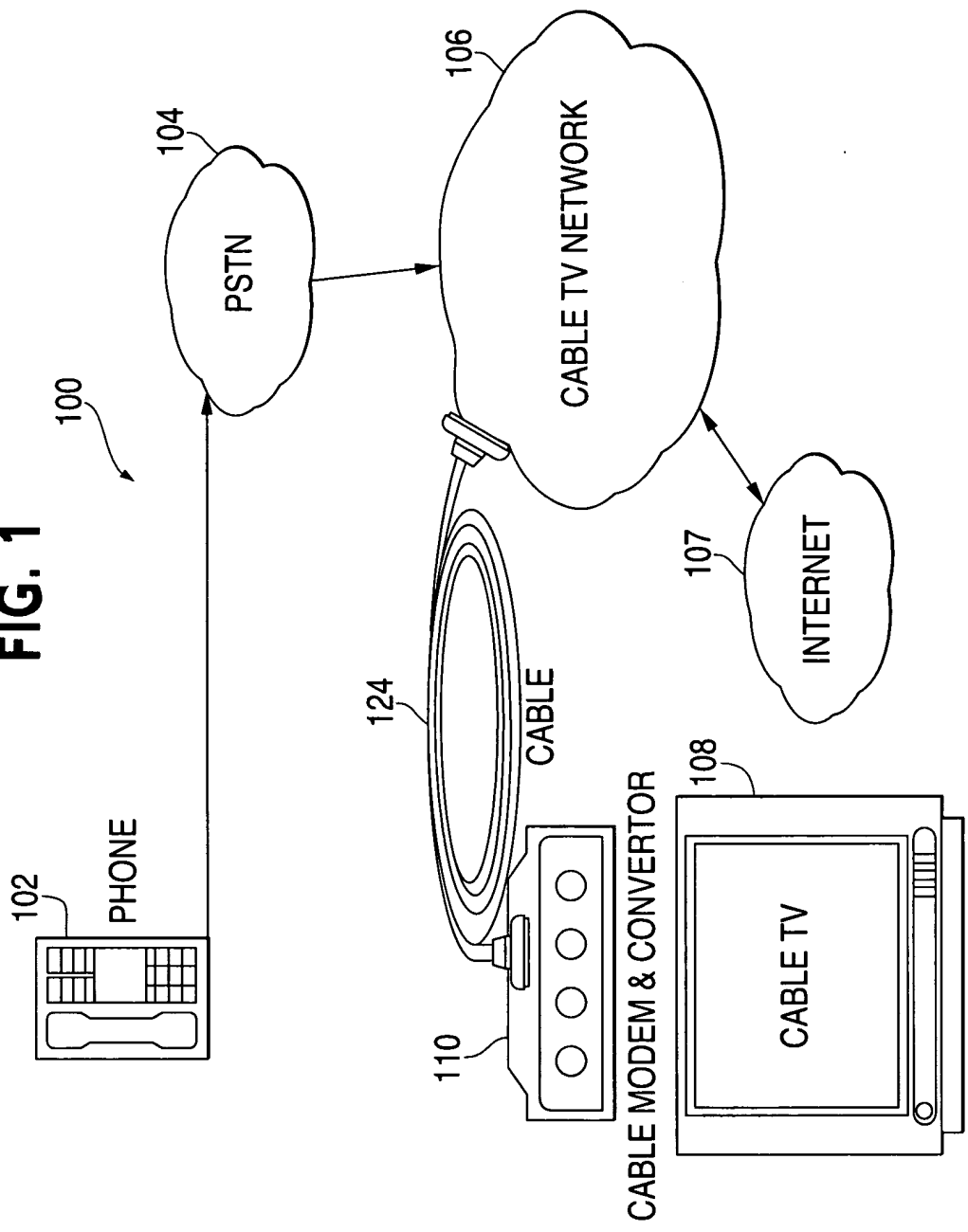


FIG. 1



The diagram illustrates a system architecture for a home/cable subscriber and a phone hub/telephone switch network. The system is divided into two main sections: a HOME/CABLE SUBSCRIBER (130) and a PHONE HUB/TELEPHONE SWITCH NETWORK (104).

HOME/CABLE SUBSCRIBER (130):

- Contains a TV (108) connected to a FRAME GRABBER (132).
- The FRAME GRABBER (132) is connected to a CABLE BOX (110).
- The CABLE BOX (110) contains a FILTER (131).
- A PHONE (102) is also connected to the CABLE BOX (110).

PHONE HUB/TELEPHONE SWITCH NETWORK (104):

- Contains a SWITCH (105) connected to the PHONE (102) from the subscriber.
- The SWITCH (105) is connected to a VOICE RECOGNIZER (114).
- The VOICE RECOGNIZER (114) is connected to a PHONE HUB COMPUTER (116).

External Connections:

- The PHONE HUB COMPUTER (116) is connected to the INTERNET (107) via a TCP/IP connection.
- The PHONE HUB COMPUTER (116) is also connected to the CABLE HUB/SYSTEM (106) via a TCP/IP connection.
- The CABLE HUB/SYSTEM (106) is connected to the INTERNET (107) via a TCP/IP connection.
- The CABLE HUB/SYSTEM (106) is connected to the HOME/CABLE SUBSCRIBER (130) via a connection labeled 124.

CABLE HUB/SYSTEM (106) Internal Components:

- Contains an INTERNET BROWSER SOFTWARE (120) connected to the INTERNET (107).
- Contains a CABLE HUB CPU (118) connected to the INTERNET BROWSER SOFTWARE (120).
- Contains a CABLE ISP (128) connected to the CABLE HUB CPU (118).
- Contains CPU STACKS (122) connected to the CABLE HUB CPU (118).
- Contains DATA STORAGE (126) connected to the CABLE HUB CPU (118).

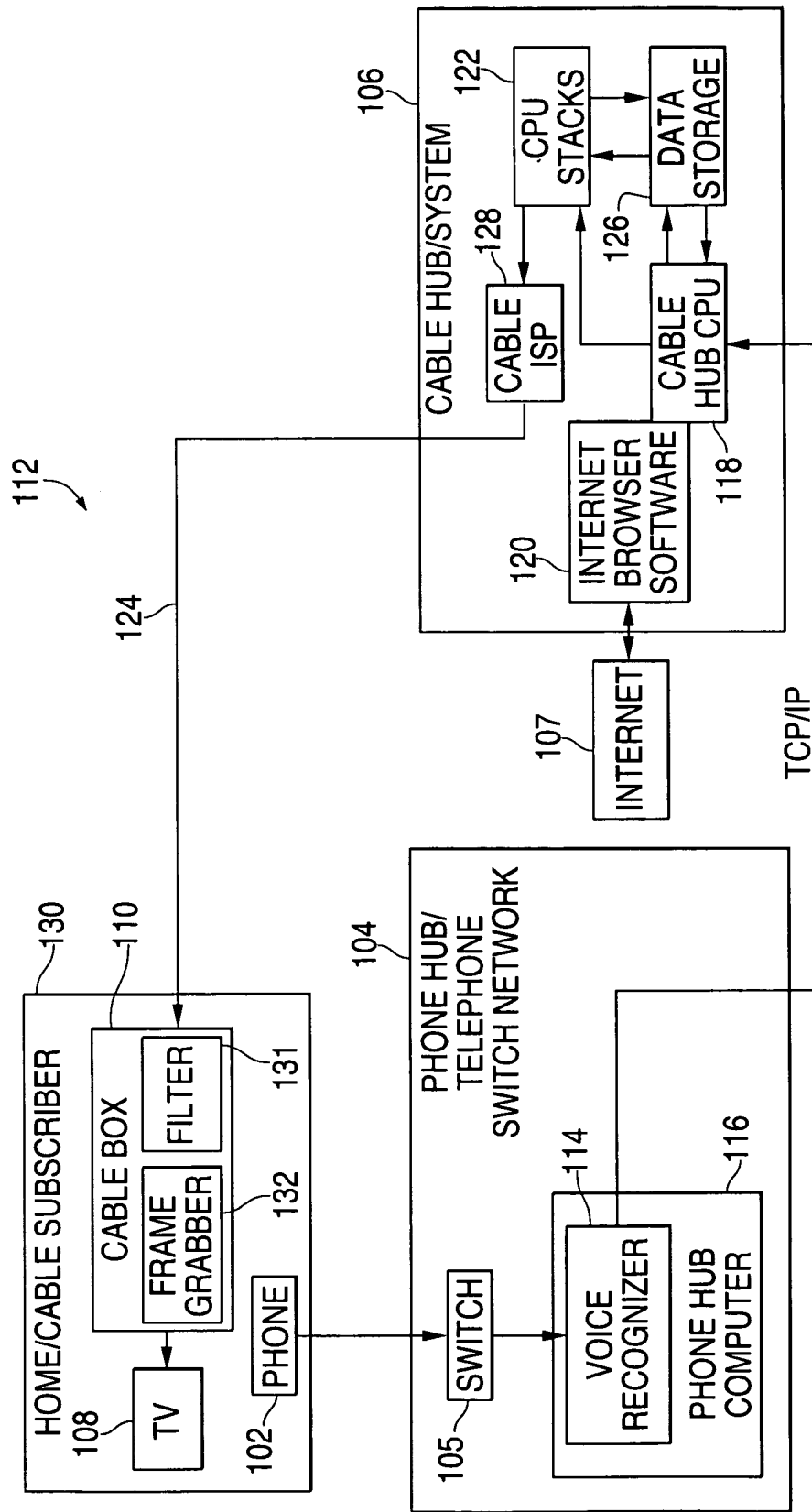


FIG. 3

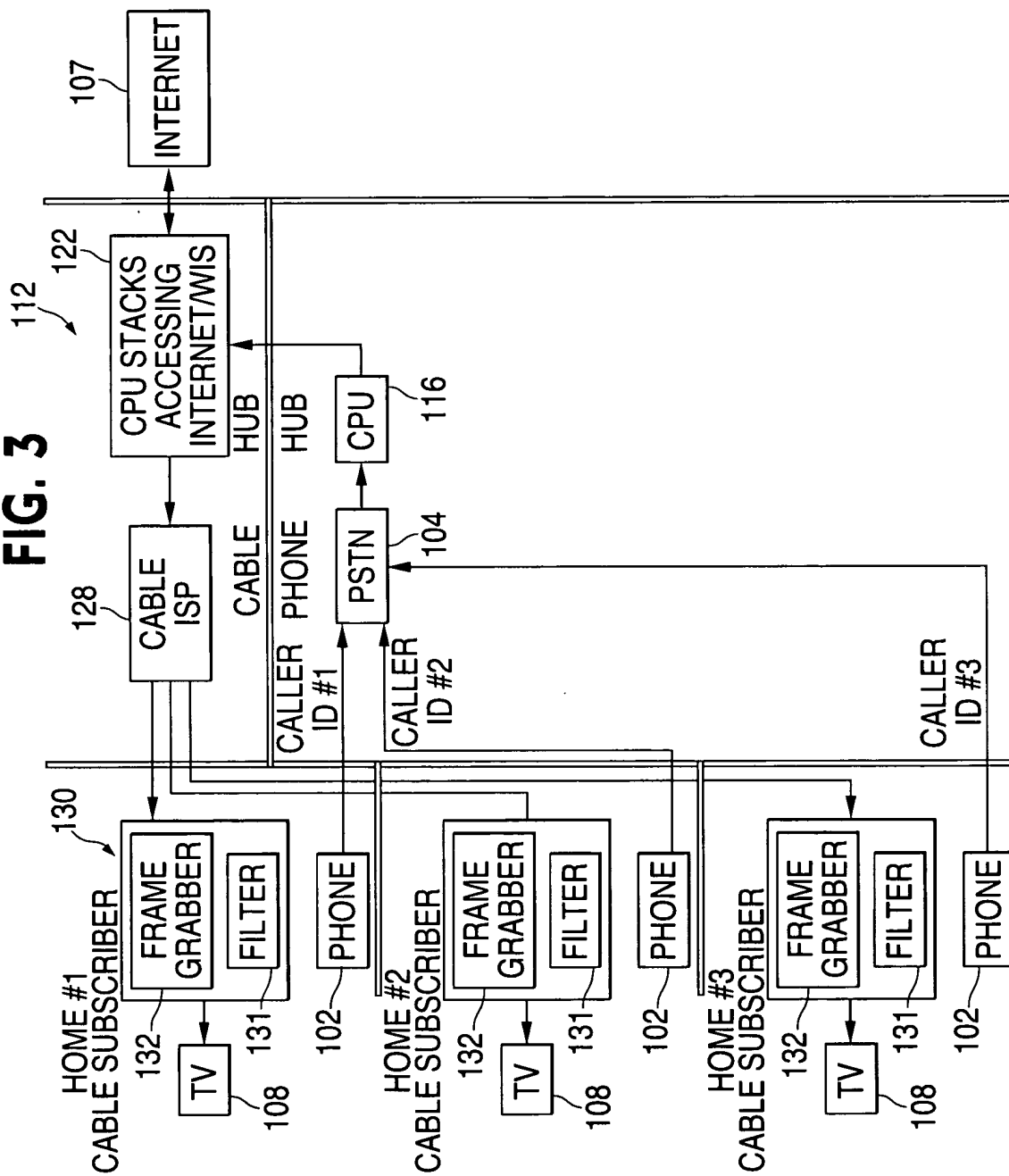


FIG. 4

